Cheap Horses Do Not Pay

Market Demands Animals Must Have Quality, Good Manners and Soundness

By E. A. Trowbridge, Professor of Animal Husbandry, University of Missouri

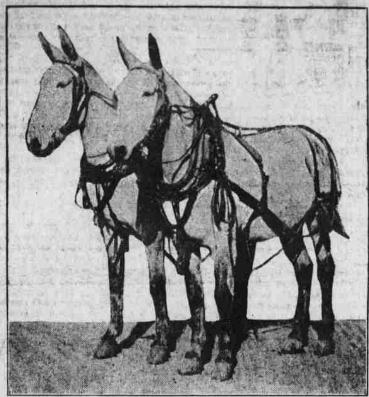
horse at the present time.

The production of horses, as well as rapidly reduced to a strictly business able amount of good looks and style. basis. As farmers take time to obtain In saddle horses the market deaccuracy in determining those opera- mands quality, beauty, symmetry, actions which net them profit and those tion, soundness and durability, togethfrom which they suffer a loss, they er with good manners. find that it costs considerable money ready to go to work.

The market demands in the draft other classes of live stock, is being and durability, together with a reason horse quality, soundness, constitution

The market demands that the har-

and that he have speed and action to



Good mules always sell well.

factor, but with modern specialization and durability. in all kinds of work the market pays | The market demands a mule with a premium for certain classes of

The type of draft horse that the market wants.

ly be an over-supply of the undesirable kind.

to fill big ones.

Deep fall plowing, where fall plow-

By E. A. Trowbridge, Professor Animal Husbandry, University of Missouri.

The value of cottonseed meal as a food for live stock was not realized until recently. It has not been many years since cottonseed meal was considered not only unfit for live stock

Cottonseed meal is very concer trated, very high in nitrogenous elements, and serves a very excellent purpose as a feed to balance corn and balances the nitrogenous content. The same investigations show conclusively other carbonaceous feeds.

Some say that cottonseed meal causes sore eyes among horses and mules. Sore eyes among horses and mules is the result of the use of the meal in large quantities and for an extended period of time, the dust blowing in the horses' eyes and serving as

Cottonseed meal should be used as a supplement when fed to horses. It may be fed with corn in the propertion of about one part cottonseed meal to seven or eight parts corn or other

It does not pay to produce a cheap, possible in draft horses, saddle horses,

harness horses and mules.

to keep a horse from birth until he is ness horse have a good conformation

Not only is the cost of keeping a fit his class, soundness, good manners

quality and size, good conformation, horses, while there seems to constant soundness and ability to perform

> For the production of horses and mules to be put on the market to yield a profit there are two fundamental factors. First, the use of only the very best sires obtainable. The truth of this is easily seen when one realizes that the get of some stallions, as compared with others when sold on the market, average \$40 to \$60 a head more in price. This statement is based upon the use of the same mares in both cases.

> The second factor is constant breeding within one breed. It is folly to mate a draft mare with a trotting stallion or a saddle mare with a draft stallion, and the markets are eliminating this practice by refusing to give a profit on such horses.

A careful study of the market, together with the observance of the above principles, coupled with good care and management, will make a At the present time one is justified reasonably safe and profitable busiin attempting to produce the very best ness out of horse production.

harrow during the winter months aids

in preventing washing. Shallow fall'

plowing is very bad practice. If the

land is kept well supplied with organic

Where land is handled by a tenant

it is the duty of the landlord to make

standing as to the care of the land.

Usually there is no understanding,

and especially with the system of one-

year leases no effort whatever is made

to prevent washing. Sometimes the

tenant is to blame, sometimes the

landlord, depending upon what sort of

Every landlord should realize that it

a man farms his own land there is lit-

farming his land as it should be

Top Dressing Wheat Land.

The top dressing of wheat land with

manure is a good practice. It is not

followed enough in most wheat sec-

tions of the state. A manure spread-

er is essential, scattering three to five

loads an acre in the fall or winter,

lates the wheat and almost always in-

sures a successful grass and clover

stand where wheat is used as the

nurse crop. Farmers can well divide

corn and wheat land, where wheat is

a contract exists between

farmed.

matter or humus it washes less.

WASHES CAUSE HEAVY LOSS ing is practiced, left untouched by the

By M. F. Miller, Professor of Agronomy, University of Missouri.

Stop the washes. When washes in fields, caused by the conditions sufficiently lenient that he may establish a definite underheavy rains, start they should be stopped at once by means of straw or refuse. Large washes can be filled by persistent effort, but it takes strenuous measures to do this. It is better to stop the small washes than to have

There is no greater loss to the farms of Missouri than that brought about by washing of the fields during heavy rains. This loss is greater than the loss through cropping. Most farmers do not realize the fact. One has only to visit the southern states, where the land is rolling and of a nature which washes readily, to see what havoc can be wrought by the rains. While this injury is not so great in the corn belt, mainly because of more level lands and of more freezing during the winter, the spring, summer and fall losses on all rolling lands are very great under the average system of soil man-

Land should never be left without a cover during the winter if it can be when the ground is dry or frozen. helped. Stalk land offers great op- Such a top dressing greatly stimuportunity for washing. It does not always seem to be possible to cover this with rye or other grain crop during the winter, but the time is coming when this will always be done on rolltheir manure applications between the ing land.

an important money crop.

COTTONSEED MEAL AS FEED grain. The North Carolina experiment station concludes from its investigations with cottonseed meal that it may be fed in quantities of two

Cottonseed meal has been fed in the

south to all classes of horses--brood mares, growing colts and work horses The conclusions reached there and elsewhere are to the effect that when feed, but dangerous. cottonseed meal constitutes one-sixth to one-eighth of the grain ratio for horses and mules it serves as a very valuable means of reducing the cost of the ration and at the same time

> that only meal of the very best quality obtainable should be fed. We have no respect for a liar, but hearing the explosions, and was driveither do we care a great deal for

> > Detroit Free Press.

TRAGEDIES OF ALPS

Many Lives Lost in Attempting Their Ascent.

Death Roll Averages Between Sixty and Seventy Per Year-Dangerous Climb of an American Woman Related.

London.-"High places are homes of ancient worship. Ascent is a consecrated type of labor with an exceeding great reward."

So wrote the late Mr. Donald Robertson in the Alpine Journal. And he, one of the finest climbers, who had traveled the Alps from end to end, was killed about four years ago while leading a party up a comparatively insignificant Welsh mountain.

Most mountaineering accidents occur in Switzerland, and the deathroll of the Alps has now risen to an average of between 60 and 70 yearly, while another 300 people are more or less seriously injured. In one year (1900), the number of the killed was no less than 119.

Examine the published statistics of these accidents, and two points strike you. First, that comparatively few of the tragedies recorded occur at great heights or in notoriously difficult places; secondly, that a large majority of the victims are women or very young men.

A third point is that in 92 per cent. of cases they were climbing without

The fact is that ignorance or recklessness account for by far the greater number of Alpine accidents. People who have, perhaps, never climbed before in their lives start out to ascend mountains with which they are totally unacquainted. In most cases they are physically unfit for the severe exertion entailed by climbing, and very often they are not properly clothed or equipped for the expedition.

An instance in point is given by Mr. Julian Grande, a well-known member of the Alpine club. Accompanied by a friend, he was climbing the Schlithorn, a respectable peak of about 10,000 feet in the Bernese Oberland. At a great height, he noticed in the snow the track of a small boot, evidently a lady's. This was sufficiently astonishing, but the amazing point was that there were no signs of nails

As they approached the summit they suddenly caught sight of a woman



In Perlious Situation

is his duty and that it is to his advan- alone, wearing a very long skirt, and tage to prevent this washing. Where plowing her way slowly towards the summit. They could hardly believe tle excuse for land washing, if he is their eyes, for the climb is no child's play, and both watched in horror, expecting every moment to see her fall. They dared not call to her, for fear of frightening and causing her to

> Hurrying as fast as they could. they caught her up, and found she was an American. Mr. Grande asked her what brought her there, and she answered that she had followed the path marked in the guide book, and that she meant to come down by the

> "Sleighs?" asked Mr. Grande, much puzzled. She pulled out the guide book, and showed the following sentence: "The descent (two and onehalf hours) may be considerably curtailed by glissades down three snowslopes.

Mr. Grande quietly explained that this meant coming down on one's own feet, with mountaineering boots and an ice ax to regulate the speed, or stop altogether, if necessary; and the explanation not only surprised but pounds a thousand pounds live weight frightened her badly. The end of it as that Mr. Grande had practically to carry the foolish woman down for a matter of 2,000 feet.

ROBBERS FORTIFY A BANK Bold Bandits Build Wire Defence Be-

Concern. Charlotte, N. C .- Robbers blew the

fore Blowing Safe of

safe in the bank at Ellenboro, a small town 50 miles west of here, and took \$2,800, leaving \$170 behind. Citizens say nine explosions were heard. One man approached the bank upon

en back at the muzzles of guns. The the man who rushes to tell the truth robbers constructed a defense of when he knows it is going to hurt.— heavy wire fencing in front of the The vault was demolished, We are all born for love. . . It is the principle of existence and its only end.—Disraell:

Bloodhounds traced the men to Henrietta, a small station several miles away, where it is believed they escaped by automobile.

FIRST DAYS OF PHOTOGRAPHY

Painters Feared Discovery Would Do Away With Demand for Products of Their Art.

Perhaps it is difficult fully to unferstand the panic into which the followers of the art of painting were thrown on the discovery of photography, since to us the place of the two arts is so thoroughly assured and so assuredly separate. But we must remember that to an unphotographed age the art of painting necessarily meant something quite different from what it means to our own kodaked geneight bats. eration. "Figure to yourself," cries a writer in shrill excitement in the Moniteur Universel, January 14, 1839, figure to yourself a mirror which, after receiving your Image, presents you your portrait, as indelible as a painting and much more faithful!" And in rendering the image of nature, how mmensely significant becomes the language of the bill which was introduced before the French chamber to pension M. Daguerre: "To the traveler the apparatus of M. Daguerre would become a continual and indispensable necessity. It will enable them to fix their impressions without having recourse to the hand of a stranger."girls?" Annie-Nathan Meyer, in the Atlantic.

A CLERGYMAN'S TESTIMONY.

The Rev. Edmund Heslop of Wigton, Pa., suffered from Dropsy for a year. His limbs and feet were swollen and puffed. He had heart flutter-

ing, was dizzy and exhausted at the least exerfeet were cold and he had such a dragging sensation across the loins that it was difficult to move. After using 5

Rev. E. Hestop. boxes of Dodds Kidney Pills the swelling disappeared and he felt himself again. He says he has been benefited and blessed by the use of Dodds Kidney Pills. Several months later he wrote: I have not changed my faith in your remedy since the above statement was authorized. Correspond with Rev. E. Hes-

lop about this wonderful remedy. Dodds Kidney Pills, 50c. per box at your dealer or Dodds Medicine Co., Buffalo, N. Y. Write for Household Hints, also music of National Anthem (English and German words) and recipes for dainty dishes. All 3 sent free. Adv.

East Is West.

It isn't so very many years ago since China was regarded as a land apart, having nothing in common with Occidental civilization. Now it is coming with a rush into the west-

Until recently all that was heard from that remote land-almost as remote in this age as in Marco Polo'swas about queues, and heathen idols, and bound feet, and hatred of "for-

A Pekin suffragette goes up to lick the editor Pariament is in session. It is in session for a year without doing anything. The government calls for prayers. People insist that the school system is out of date. The president announces his devotion to the constitution.

They used to say that "east is east." It isn't any longer. It's west. -Kansas City Star.

What It Came To.

per cent., is \$300 a year. If we charge off. It caused me to lose most of my week for gasoline and \$5 for repairs. hair cut. five hundred-"

what it comes to," said the old gen- used the Cuticura Soap and Ointment maker's." tleman. "What?" asked the girl.

"My dear," said the father, impressively, "it comes to a standstill, right received benefit in a couple of weeks here and now."-Ladies' Home Jour-

Progress in Pittsburgh. "How long must I wait for this pre-

scription?" 'About thirty minutes," answered the druggist, "but you can occupy your time pleasantly. Here is a coupon which entitles you to admission to our York horse show, nodded toward a moving picture show."-Pitsburgh

Examine carefully every bottle of CASTORIA, a safe and sure remedy for infants and children, and see that it

Bears the Signature of Chart Flitchire In Use For Over 30 Years. Children Cry for Fletcher's Castoria Keeping It Shady.

of thirty, all right. Patrice-Why, she's forty if she's a But she says she's only twenty

eight."

Inherited Talent. Mrs. Shimmerpate—Count Confetti eems to be an expert at cranking

automobiles. bet most of his ancestors were organ | pected that the cost under competitive grinders.-Judge.

Dr. Pierce's Pellets, small, sugar-coated, easy to take as candy, regulate and invigorate stomach, liver and bowels. Do not gripe. Adv.

Many a man has put his money on a sure thing, only to regret that he didn't take a chance.

Women form about 35 per cent. of the total immigration into the United many being in an unsafe and even

Pennsylvania has 10,000 feeble-mind

How the long hours drag from one pay day to the next! An ounce of consideration is worth

pound of contention. Putnam Fadeless Dyes do not stain the kettle. Adv.

It does look sometimes like the vages of sin is wealth. Mrs. Francis Powers Sayre, who

was Jessie Woodrow Wilson, has

When a woman runs across the street to a neighbor's house for just a minute she stays an hour.

A simple protection against dangerous throat affections are Duan's Mentholated Cough Drops; 5c at Drug Stores. She Did.

Bill-Who was it said that all men are llars? Jill-Mrs. Pankhurst, I guess.

The Needle Scare. "What's all this needle scare among

"I don't know. Can it be that some girl's mother has asked her to do a little sewing?"

Compromise. "He is one of those near-vegetari

"What is a near-vegetarian?" "He never eats meat except when he is invited out."

Sharp Student.

"If 20 men reap a field in eight hours, how long will it take 15 men to reap the same field" a student was asked. He thought long before writing down his answer, and when he handed in his paper this is what the examiner read: "The field, having already been reaped by the 20 men, could not be reaped a second time by the 15."

Trapped. His Wife-I met our maid Anna just now on the street and she pre-

tended not to see me. Her Husband-You ought to point out to Anna the impropriety of such

His Wife-But how can I? You see she had another girl with her, and it was quite evident she didn't want her friend to know she was working for a woman who wore a two-dollar-and-ahalf hat."

Jones Was Classed as an "Otherwise." In the lobby one overheard a conversation between the fat man and the thin man.

"What sort of a fellow is Jones to get along with?" asked the fat one. "He's an otherwise," said the thin one, sourly. "What do you mean by an other-

"I'll tell you. When he's talking to a Democrat, he's a Republican. When he's talking to a Republican, he's a Democrat. When he's talking to a capitalist, he's a Socialist. And from it.

darned fool!" SCALP TROUBLE FOR YEARS

when he's talking to me, he's just a

268 Harrison St., Elvria, Ohio,-"My case was a scalp trouble. I first noticed small bunches on my scalp which I've figured the whole thing out, larger, forming a scale or scab with a father," said Mabel. "The car, to be- little pus, and chunks of hair would gin with, will cost \$5,000, which at six come out when I would scratch them ten per cent, off for depreciation it bair. It became thin and dry and lifewill come to \$500 more. A good chauf- less. I was troubled for over ten feur can be had for \$125 a month, or years with it until it got so bad I was \$1,500 a year. I have allowed \$10 a ashamed to go to a barber to get my

what it comes to. Three hundred plus cure until I commenced using Cuticura Soap and Ointment when the scale "Don't bother me, my dear, I know commenced to disappear. The way I happy. They turn out like the bootwas to wash my scalp twice a day with warm water and Cuticura Soap and was cured in two months." (Signed) F. J. Busher, Jan. 28, 1913. Cuticura Soap and Ointment sold throughout the world. Sample of each free, with 32-p. Skin Book. Address postcard "Cuticura, Dept. L, Boston."-Adv.

What Is Coming? Whitney Warren, at the recent New young man in tight morning coat and

rakishly tilted top hat, and said: "That young millionaire has already had three wives. Yet he is received. yet he is even lionized, everywhere,

What is the world coming to? "What is the world coming to?" Mr. Warren pursued. "As I look about me at the tolerant, the too tolerant socley of today, I think of the horse

"'Yours is a very serious crime, my man,' a judge said sternly to a horse Patience-She's on the shady side thief. Fifty years ago it was a hanging matter.'

"'Well, your honor,' said the horse thief, calmly, 'fifty years hence it mayn't be a crime at all.'" Best of Fire Alarm Boxes.

After work extending over two

years, officials of New York city have devised a fire alarm box which has been dedicated to the use of New Mr. Shimmerpate-No wonder. I'll York without royalty, and it is exbidding will not exceed \$45. The price of fire alarm boxes during the last several years under competitive bidding has run from \$75 to \$175 each. The average price has been \$125 each The estimated saving, therefore, will be \$80 a box. The fire department experts have finished their box just in time to meet the needs of the city. as only six per cent. of the boxes are

modern, the rest being obsolete and

dangerous condition.

Are Your Hands Tied?

kind! You feel duli—headachey! Back-sche, pains here and there—distinces or perhaps hot flashee! There's nothing you can accomplish—sothing you can enjoy! accomplish—nothing you ca re's no good reason for it-can find permanent relief in

DR. PIERCE'S **Favorite Prescription**

Dr. PIERCE'S PLEASANT PELLETS Relieve Liver Ilis!



Pink Eye, Epizootic Shipping Fever & Catarrhal Fever

Only the ignorant ever try to act

A kodak camera takes pictures and

Many a friend will shed a tear who will not shed a dollar

The man who keeps his mouth shut is seldom open to criticism.

never understand is why the world should respect gray hairs. Mrs. Winslow's Soothing Syrup for Children

One thing the bald-headed man can

teething, softens the gums, reduces inflamma-tion, allays pain, cures wind splic, 25c a bottle. As Boston Slang.

"Good joke, eh? Are you next?" "Yes," said the Boston man, "I'm contiguous."

His Number. "What was Wiggie on the college "I think he was what they call the

joke."-Town Topics.

does it."

Or Hears From Her. "He says that when he makes up his mind to do a thing he goes and

makes up his mind to do a thing he goes and does it." Fortorn Objects.

"He means that when his wife

"There is something pathetic about deserted house that has fallen into ruins." "Yes, indeed. And sometimes a pair of discarded suspenders will move a

Looking Forward.

sentimental person to tears.'

Griggs-If you continue in the way you are managing your business it will be a long time before you are able to draw a comfortable income

Twiggs-Yes, I know; but by that time the income tax probably will be abolished .- Springfield Union

Nothing to Worry About. "Have you heard about the awful thing Mr. Jobson did this morning? Several of the neighbors saw him commenced to itch and I would dragging his wife around in the back scratch them and in time they got yard by her hair. Don't you think the about it?" "Why should the authorities interfere? Haven't you heard that Johson and his wife are working for a

moving picture film concern?"

Significant. Miss Elsie De Wolfe, commenting at a tea in New York on the engagement The chauffeur's uniform and furs will "I tried everything I could get hold to her mother's French maid of a come to about \$200. Now, let's see of, ---- and ----, but received no young man belonging to a rich old Knickerbocker family, said: "Marriages of that type are seldom

> Miss De Wolfe, smilingly, resumed: "A retired bootmaker, who had man and rub on the Cuticura Ointment. I ried his servant as his second spouse, was once asked by a friend how he was getting on. His significant reply

> > was:



The opportunity of securing free homesteads of 160 acres each, and the low priced lands of Manitoba, Saskatchewan and Alberta, will soon have passed Canada offers a hearty welcome to the Settler, to the man with a

family looking for a home; to the farmer's son, to the renter, to all who wish to live under better conditions. Canada's grain yield in 1913 is the talk of the world. Luxuriant Grasses give cheap fodder for large herds; cost of raising and fattening

for market is a trifle. The sum realized for Beef, Butter, Milk and Cheese will pay fifty per cent on the investment. Write for literature and particulars as to reduced railway

rates to Superintendent of Immigration, Ottawa, Canada, or to G. A. COOK Ro., asé C. J. Brenghise. 412 R. L. & T. Bldg., Chicago, Ill.

"OUR FRIENDS GALL SALVE" gets better regulfs than any other make un market. There are many imitators un let them fool you; there is no substitute. HOLMES MFG. COMPANY, PROBIA, ILL

PISO'S REMEDY hest Cough Syrup. Testes Good. Use in time. Sold by Druggists. FOR COUCHS AND COLDS



Twinges yield immediately to Sloan's Lin-ment. It relieves aching and swollen parts instantly. Beduces ising pain. Don't rub—it pene-

Kills Pain

gives quick relief from chest and throat affections. Have you tried Sloan's? Here's what others say: "My mother has used one 50c, bettle of Sloan's Lionment, and although she sover 53 years of age, she has ob-ained great relief from her rheuma-tism."—Mr. B. E. Lindelsuf, Gilroy, Col.

Good for Cold and Croup. I little boy next door had croup. I gave the mother Stoan's Lintment to try. She gave him three drops on sugar before going to bed, and he got up without the croup in the morning."—Mr. W. H. Strangs, 5721 Elmscood Ave., Chicago, Ill.

"Sloan's Linnercod Ase., Chiengo, Ill.
"Sloan's Liniment is the best medicine in the world. It has relieved me of neuralgia. Those pains have all gone and I can truly say your Liniment did stop them."—Mrs. C. M. Dowker of Johannesburg, Mich. At all Dealers, Price 25c., 50c. & \$1.00 Sloan's Instructive Booklet on Horses sent free,

DR. EARL S. SLOAN, Inc., BOSTON, MASS.

SELDOM SEE

a big knee like this, but your horse Ankle, Hock, Stiffe, Knee or Throat. BSORBINE

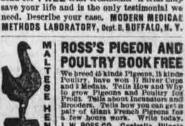
will clean it off without laying the horse up. No blister, no hair gone. Concentrated—only a few drops required at an application. \$2 per bottle delivered. Describe your case for special instructions and Book 8 K free. ABSORBINE, JR., antiseptia bottle at druggists or delivered. Manufactured only by W.F.YOUNG, P. D. F., 310 Temple SL, Springlield, Manu-

FOR OLD AND YOUNG Tutt's Liver Pills act as kindly on the child the delicate female or infirm old age, as upon



Everyone Should Have This Protection Keyless Padlock

DROPS lessly and promptly removed by our method. Send for FREE trial treatment. A trial may



ST.LOUIS TRAINING SCHOOL

W. N. U., ST. LOUIS, NO. 4-1914.

ook Prematurely